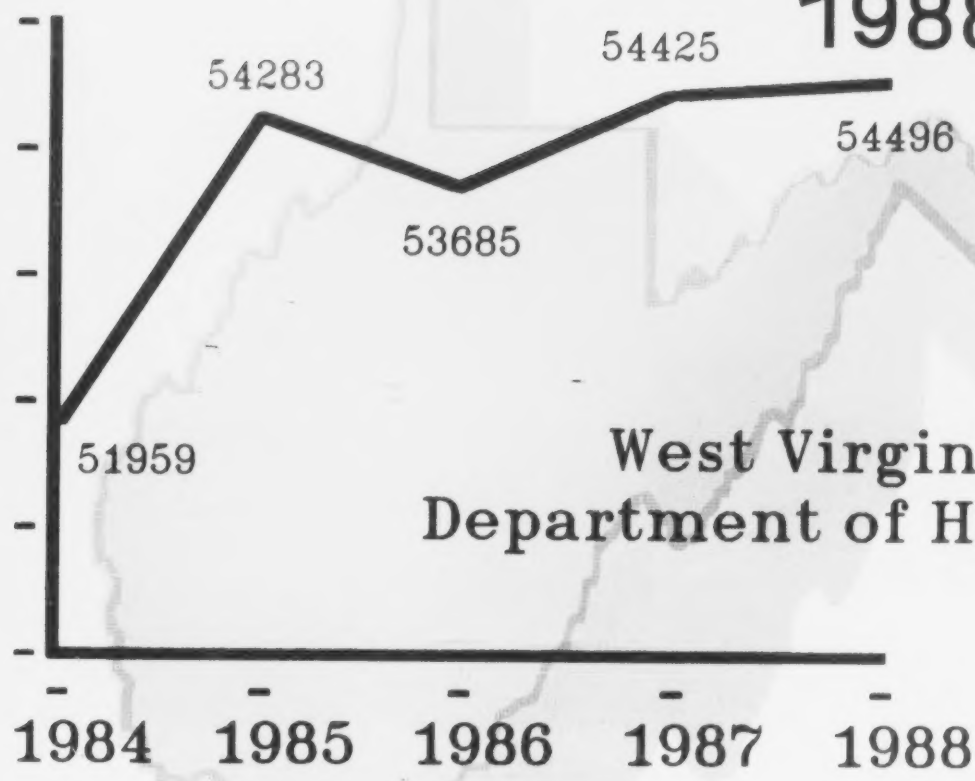


58862-1-U

West Virginia Accident Data 1988



West Virginia
Department of Highways

Gaston Caperton, Governor
Fred VanKirk, Acting Commissioner



WEST VIRGINIA DEPARTMENT OF HIGHWAYS

State Capitol Complex

Building Five

Charleston, West Virginia 25305

GASTON CAPERTON
GOVERNOR

FRED VANKIRK
ACTING COMMISSIONER
STATE HIGHWAY ENGINEER

April 1989

TO USERS OF HIGHWAY ACCIDENT DATA:

The West Virginia Accident Data 1988 Report providing summarized findings and statistics of highway accidents is for your information and circulation. The information contained herein was prepared by personnel of the West Virginia Department of Highways based on information extracted from accident reports submitted to the West Virginia Department of Motor Vehicles. The tabulations were prepared by our Department using the Traffic Records Information System (TRIS) computer processing of data.

The Department sincerely hopes that publication of this material will be valuable in identifying and evaluating problems associated with highway safety; however, this report is only intended to serve as an information document. It is to be used as a basis for further study and is not to be construed as a listing of priorities or as a program of improvements.

Very truly yours,

A handwritten signature in cursive script, reading "Fred VanKirk".

Fred VanKirk
Acting Commissioner -
State Highway Engineer

FV:Km

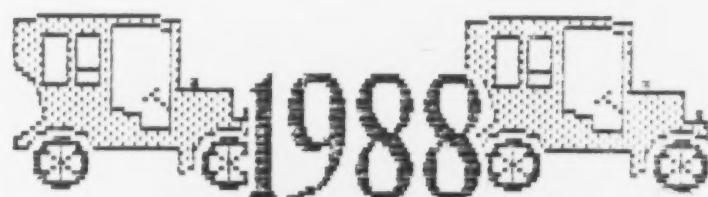
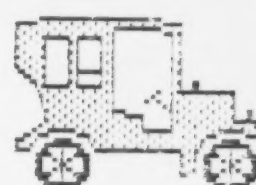
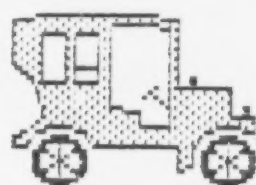
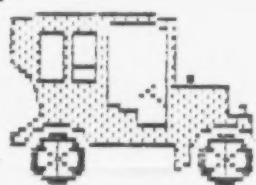
ACKNOWLEDGEMENT

The West Virginia Department of Highways wishes to express appreciation to all law enforcement agencies and officers for their work in accident investigation which made this report possible. All information concerning West Virginia traffic accidents was taken from report forms provided by investigating officers and drivers involved in accidents.

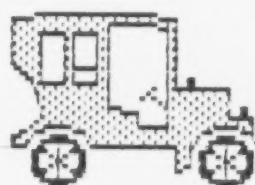
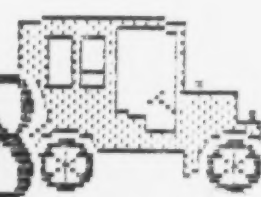
COPIES OF THIS REPORT MAY BE OBTAINED FROM:

Traffic Engineering Division
West Virginia Department of Highways
1900 Washington Street East
Charleston, West Virginia 25305

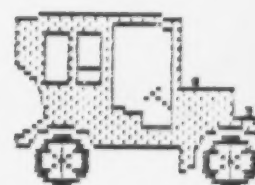
Telephone: (304) 348-3063



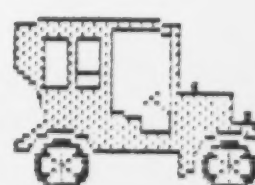
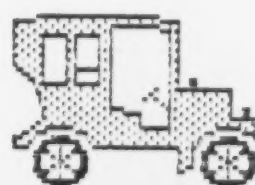
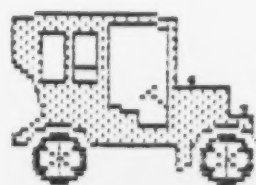
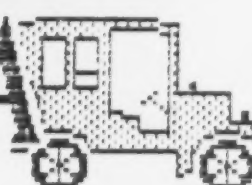
1988



WEST VIRGINIA ACCIDENT



DATA



1988
West Virginia
Accident Data

West Virginia
Department of Highways
Fred VanKirk , Acting Commissioner
in cooperation with

U.S.
Department of Transportation
Federal
Highway Administration

TABLE OF CONTENTS

	<u>PAGE</u>
I <u>COMMISSIONER'S EXPLANATORY NOTE</u> -----	i
II <u>TABLE OF CONTENTS</u> -----	v
III <u>GENERAL SUMMARY:</u>	
(A) 1988 ACCIDENT SUMMARY-----	1
(B) 1987-1988 COMPARISON-----	2
(C) ACCIDENTS BY COUNTY MAP-----	3
(D) ECONOMIC LOSS BY COUNTY-----	4-6
(E) ACCIDENT TYPE-----	7
(F) VEHICLE TYPE-----	7
(G) TIME-----	8-9
(H) OBJECTS STRUCK-----	10
(I) SEAT BELT USAGE-----	10-12
(J) DRIVERS AND OCCUPANTS-----	13-14
(K) CONTRIBUTING FACTORS-----	15
(L) SPECIFIC LOCATION-----	15
(M) TYPE OF HIGHWAY-----	16
(N) URBAN/RURAL-----	17
(O) DATA SOURCE-----	17
(P) ACCIDENT RATES-----	18
IV <u>65 MPH SPEED LIMIT</u> -----	19
V <u>MOTORCYCLE DATA</u> -----	20-21
VI <u>PEDESTRIAN DATA</u> -----	22-23
VII <u>INTERSECTION CRASHES</u> -----	24-25
VIII <u>CRASHES IN INCORPORATED TOWNS</u> -----	26-29
IX <u>WORK ZONE CRASHES</u> -----	30
X <u>FATAL CRASH DATA:</u>	
(A) FATAL SUMMARY BY MONTH-----	31
(B) FATAL SUMMARY BY HIGHWAY TYPE-----	31
(C) FATAL SUMMARY BY COUNTY-----	32
(D) PERSONS KILLED BY COUNTY MAP-----	33
(E) FATAL CALENDAR-----	34-45
(F) ALCOHOL INVOLVEMENT BY DRIVER AGE-----	46
(G) DRIVERS AGE 16-24-----	47

GENERAL SUMMARY

1988 DATA

In 1988 as a result of Traffic Accidents in West Virginia there were:

ACCIDENTS-----	54,496
FATALITIES-----	467
PEOPLE INJURED-----	28,357
PROPERTY DAMAGE-----	\$130,524,225
* ECONOMIC LOSS-----	\$1,350,732,000

Currently in West Virginia there are:

LICENSED DRIVERS-----	1,308,379
MOTOR VEHICLES REGISTERED-----	1,483,218

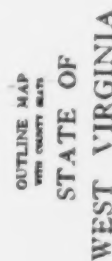
* (Based on Estimates by the Federal Highway Administration)

1. Fatality - \$1,500,000
2. Injuries - A-\$39,000
B-\$12,000
C-\$ 6,000
3. PDO Acc. - \$3,000

1988 SUMMARY

			1988	1987
TOTALS	ACCIDENTS	54,496 54,425	↑	0.1%
	INJURIES	28,357 27,805	↑	2.0%
	FATALITIES	467 474	↓	1.5%
FACTORS	WET ROADS	11,364 11,894	↓	4.5%
	NIGHT	16,017 15,933	↑	0.5%
	RUN OFF	13,482 13,199	↑	2.1%
	SPEEDING	2,330 2,270	↑	2.6%
	ALCOHOL	2,693 2,695	↓	0.1%
	INTERSECTION	14,346 14,015	↑	2.4%

PENNSYLVANIA



1988 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	FATAL CRASHES	INJURY CRASHES	PROPERTY DAMAGE ONLY CRASHES	PERSONS KILLED	PERSONS INJURED	TOTAL ECONOMIC LOSS
BARBOUR	390	2	123	265	2	175	\$7,002,000
BERKELEY	2,058	21	793	1,244	23	1,190	\$60,633,000
BOONE	637	10	260	367	12	413	\$27,909,000
BRAXTON	363	8	118	237	10	197	\$20,499,000
BROOKE	899	1	271	627	1	398	\$10,299,000
CABELL	4,912	12	1,263	3,637	13	1,799	\$62,766,000
CALHOUN	151	2	56	93	2	89	\$4,992,000
CLAY	203	5	77	121	5	145	\$11,589,000
DODDRIDGE	144	5	56	83	5	88	\$9,852,000
FAYETTE	1,158	13	429	716	17	665	\$40,479,000
GILMER	165	5	61	99	9	96	\$15,642,000
GRANT	269	6	106	157	6	152	\$12,891,000
GREENBRIER	906	8	337	561	8	488	\$22,728,000
HAMPSHIRE	430	12	192	226	13	298	\$26,610,000
HANCOCK	899	6	321	572	7	458	\$20,229,000
HARDY	291	8	129	154	10	207	\$19,473,000
HARRISON	1,992	10	573	1,409	10	858	\$34,647,000
JACKSON	711	8	252	451	9	413	\$23,949,000
JEFFERSON	1,151	6	368	777	9	583	\$28,419,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)

1. FATALITY-\$1,500,000
2. INJURIES A-\$39,000 B-\$12,000 C-\$6,000
3. PDO ACC -\$3,000

1988 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	FATAL CRASHES	INJURY CRASHES	PROPERTY DAMAGE ONLY CRASHES	PERSONS KILLED	PERSONS INJURED	TOTAL ECONOMIC LOSS
KANAWHA	7,948	33	2,670	5,245	35	4,045	\$142,038,000
LEWIS	530	6	190	334	6	285	\$15,351,000
LINCOLN	349	4	164	181	4	257	\$11,397,000
LOGAN	1,108	8	446	654	9	751	\$30,387,000
MCDONELL	682	6	259	417	10	420	\$24,003,000
MARION	1,855	9	583	1,263	10	836	\$34,500,000
MARSHALL	992	4	319	669	5	490	\$18,555,000
MASON	905	7	283	615	8	425	\$22,251,000
MERCER	2,082	11	855	1,216	12	1,396	\$47,268,000
MINERAL	594	11	241	342	12	378	\$26,088,000
MINGO	732	11	304	417	12	505	\$28,413,000
MONONGALIA	2,829	13	822	1,994	17	1,224	\$54,876,000
MONROE	184	4	74	106	5	120	\$10,092,000
MORGAN	305	2	112	191	2	173	\$7,059,000
NICHOLAS	764	11	263	490	12	417	\$28,128,000
OHIO	1,995	9	602	1,384	9	879	\$34,002,000
PENDLETON	181	3	78	100	3	111	\$7,188,000
PLEASANTS	197	1	58	138	1	87	\$3,690,000
POCAHONTAS	294	3	94	197	3	154	\$8,265,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)

1. FATALITY-\$1,500,000
2. INJURIES A-\$39,000 B-\$12,000 C-\$6,000
3. PDO ACC -\$3,000

1988 WEST VIRGINIA CRASH DATA
ECONOMIC LOSS BY COUNTY*

COUNTY	TOTAL CRASHES	FATAL CRASHES	INJURY CRASHES	PROPERTY DAMAGE ONLY CRASHES	PERSONS KILLED	PERSONS INJURED	TOTAL ECONOMIC LOSS
PRESTON	636	12	236	388	12	367	\$27,174,000
PUTNAM	939	7	289	643	8	450	\$22,047,000
RALEIGH	2,251	15	900	1,336	15	1,478	\$53,916,000
RANDOLPH	724	9	240	475	9	357	\$22,476,000
RITCHIE	195	4	68	121	7	109	\$13,545,000
ROANE	415	7	120	288	9	179	\$17,970,000
SUMMERS	280	3	105	172	4	167	\$9,801,000
TAYLOR	362	4	128	230	6	201	\$14,070,000
TUCKER	191	4	74	113	4	122	\$9,123,000
TYLER	239	1	73	165	1	107	\$4,524,000
UPSHUR	526	5	144	377	6	23	\$15,336,000
WAYNE	825	13	323	489	15	500	\$34,638,000
WEBSTER	201	2	69	130	2	100	\$5,598,000
WETZEL	494	3	175	316	3	289	\$10,788,000
WIRT	125	0	59	66	0	91	\$1,971,000
WOOD	3,320	13	1,013	2,294	14	1,543	\$56,928,000
WYOMING	520	6	222	292	6	396	\$16,668,000
*****	***	*****	*****	*****	***	*****	*****
	54,496	412	18,440	35,644	467	28,357	\$1,350,732,000

*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)

1. FATALITY-\$1,500,000
2. INJURIES A-\$39,000 B-\$12,000 C-\$6,000
3. PDO ACC -\$3,000

1988 ACCIDENT DATA

<u>Accident Type</u>	<u>Number</u>	<u>Percent</u>
Rear End	10,512	19.3
Head On	2,015	3.7
Sideswipe - Same Direction	4,614	8.5
Sideswipe - Opposite Direction	3,940	7.2
Access Conflict	11,296	20.7
Run-Off	13,482	24.7
Pedestrian	777	1.4
Animal	1,461	2.7
Parked Vehicle	4,784	8.8
Train	53	0.1
Other	<u>1,562</u>	<u>2.9</u>
 TOTAL	 <u>54,496</u>	 <u>100.0</u>

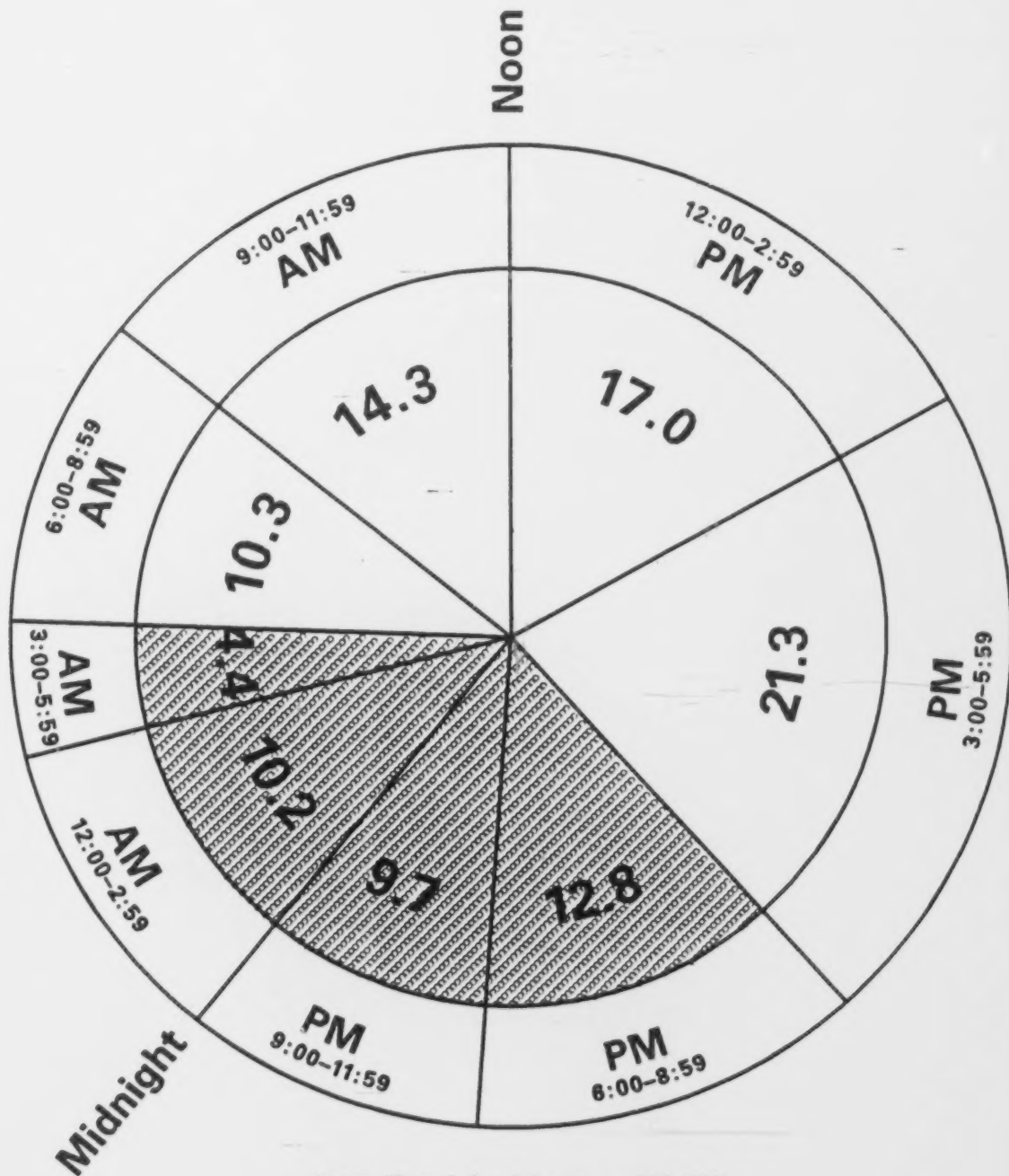
<u>Vehicle Type</u>	<u>Number</u>	<u>Percent</u>
Automobile	88,757	92.6
Truck	3,170	3.3
Semi	1,885	2.0
Motorcycle	630	0.7
Trailer	64	0.1
Commercial Bus	102	0.1
Equipment	111	0.1
Other	<u>1,124</u>	<u>1.1</u>
 TOTAL	 <u>95,843</u>	 <u>100.0</u>

1988 ACCIDENT DATA

<u>Month of Year</u>	<u>Number</u>	<u>Percent</u>
January	4,733	8.7
February	3,857	7.1
March	4,392	8.1
April	4,255	7.8
May	4,608	8.4
June	4,387	8.0
July	4,308	7.9
August	4,729	8.7
September	4,553	8.4
October	5,128	9.4
November	4,625	8.5
December	<u>4,921</u>	<u>9.0</u>
 TOTAL	 <u>54,496</u>	 <u>100.0</u>

<u>Day of Week</u>	<u>Number</u>	<u>Percent</u>
Sunday	6,002	11.0
Monday	7,426	13.6
Tuesday	7,587	13.9
Wednesday	6,953	12.8
Thursday	7,416	13.6
Friday	9,941	18.3
Saturday	<u>9,171</u>	<u>16.8</u>
 TOTAL	 <u>54,496</u>	 <u>100.0</u>

% of Accident Occurrence By Time Of Day



1988 Total Accidents - 54,496



Denotes Hours of Darkness

1988 ACCIDENT DATA

<u>Fixed Object Struck</u>	<u>Number</u>	<u>Percent</u>
Utility Pole	1,525	2.8
Tree	895	1.6
Guardrail	1,218	2.2
Fence	1,195	2.2
Median Barrier	43	0.1
Traffic Signs	428	0.8
Embankment	488	0.9
Bridge	271	0.5
Curb	35	0.1
Debris in Road	32	0
Mailbox	266	0.5
Fire Hydrant	59	0.1
Traffic Signal	17	0
Building	325	0.6
Gas Meter	47	0.1
Other	<u>959</u>	<u>1.8</u>
 TOTAL	 <u>7,803</u>	 <u>14.3</u>

<u>Seat Belt Usage</u>	<u>Number</u>	<u>Percent</u>
None Installed	1,918	1.9
Not Used	42,967	42.9
Lap Belt	4,224	4.2
Lap and Shoulder Belt	22,888	22.9
Unknown	<u>28,058</u>	<u>28.1</u>
 TOTAL	 <u>100,055</u>	 <u>100.0</u>

1988

WEST VIRGINIA CRASH DATA

INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY SEATBELT USAGE

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF INJURY BY SEATBELT

INJURY	SEATBELT		TOTAL
	NO	YES	
FREQUENCY			
PERCENT			
ROW PCT			
BLEEDING	6254	1735	7989
	8.69	2.41	11.10
	78.28	21.72	
BRUISES	5648	2403	8051
	7.85	3.34	11.19
	70.15	29.85	
NOT VISIBLE	5268	3309	8577
	7.32	4.60	11.92
	61.42	38.58	
KILLED	294	36	330
	0.41	0.05	0.46
	89.09	10.91	
NO INJURY	27403	19612	47015
	38.08	27.25	65.33
	58.29	41.71	
TOTAL	44867	27095	71962
	62.35	37.65	100.00

SEATBELT USAGE BY HIGHWAY CLASSIFICATION

TABLE OF CLASS BY SEATBELT

CLASS	SEATBELT		TOTAL
	NO	YES	
FREQUENCY			
PERCENT			
ROW PCT			
INTERSTATE	1487	2202	3689
	2.07	3.06	5.12
	40.31	59.69	
US	12324	8555	20879
	17.12	11.88	29.00
	59.03	40.97	
WV	13345	7692	21037
	18.53	10.68	29.22
	63.44	36.56	
COUNTY	10252	4428	14680
	14.24	6.15	20.39
	69.84	30.16	
CITY	6434	3798	10232
	8.94	5.27	14.21
	62.88	37.12	
OTHER	1049	439	1488
	1.46	0.61	2.07
	70.50	29.50	
TOTAL	44891	27114	72005
	62.34	37.66	100.00

1988 WEST VIRGINIA CRASH DATA
SEATBELT USAGE OF DRIVERS AND OCCUPANTS BY AGE

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY SEATBELT

AGE	SEATBELT		
FREQUENCY PERCENT	NO	YES	TOTAL
1	35 0.05	60 0.08	95 0.13
2	58 0.08	76 0.11	134 0.19
3	68 0.10	65 0.09	133 0.19
4	54 0.08	58 0.08	112 0.16
5	71 0.10	50 0.07	121 0.17
6	79 0.11	48 0.07	127 0.18
7	76 0.11	47 0.07	123 0.17
8	90 0.13	47 0.07	137 0.19
9	107 0.15	37 0.05	144 0.20
10	126 0.18	48 0.07	174 0.24
11	121 0.17	36 0.05	157 0.22
12	113 0.16	26 0.04	139 0.19
13	155 0.22	42 0.06	197 0.28
14	200 0.28	38 0.05	238 0.33
15	334 0.47	59 0.08	393 0.55
16	1593 2.23	736 1.03	2329 3.26
17	2167 3.03	881 1.23	3048 4.27
18 TO 24	11960 16.75	5615 7.86	17575 24.61
25 TO 34	10341 14.48	6778 9.49	17119 23.97
35 TO 44	6873 9.63	5094 7.13	11967 16.76
45 TO 54	3770 5.28	2877 4.03	6647 9.31
55 TO 64	2832 3.97	2113 2.96	4945 6.93
65 TO 74	2152 3.01	1489 2.09	3641 5.10
75 AND OLDER	1117 1.56	594 0.83	1711 2.40
TOTAL	44492 62.31	26914 37.69	71406 100.00

1988 WEST VIRGINIA CRASH DATA
INJURY SEVERITY OF DRIVERS AND OCCUPANTS BY AGE

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY INJURY

AGE	INJURY					TOTAL
FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	
1	31 0.03	37 0.04	35 0.04	2 0.00	3 0.00	108 0.12
2	44 0.05	58 0.06	42 0.04	3 0.00	5 0.01	152 0.16
3	39 0.04	71 0.08	30 0.03	2 0.00	3 0.00	145 0.16
4	29 0.03	59 0.06	29 0.03	1 0.00	0 0.00	118 0.13
5	39 0.04	52 0.06	37 0.04	0 0.00	2 0.00	130 0.14
6	27 0.03	62 0.07	42 0.04	1 0.00	1 0.00	133 0.14
7	40 0.04	55 0.06	37 0.04	0 0.00	1 0.00	133 0.14
8	34 0.04	65 0.07	52 0.06	1 0.00	0 0.00	152 0.16
9	42 0.04	58 0.06	55 0.06	1 0.00	3 0.00	159 0.17
10	52 0.06	71 0.08	58 0.06	4 0.00	2 0.00	187 0.20
11	39 0.04	64 0.07	55 0.06	1 0.00	5 0.01	164 0.18
12	39 0.04	74 0.08	42 0.04	1 0.00	0 0.00	156 0.17
13	62 0.07	69 0.07	72 0.08	2 0.00	6 0.01	211 0.23
14	75 0.08	93 0.10	77 0.08	3 0.00	9 0.01	257 0.28
15	141 0.15	139 0.15	116 0.12	7 0.01	35 0.04	438 0.47
16	406 0.43	412 0.44	282 0.30	15 0.02	1813 1.94	2928 3.14
17	477 0.51	473 0.51	356 0.38	19 0.02	2564 2.75	3889 4.16
18 TO 24	2522 2.70	2332 2.50	2007 2.15	102 0.11	15486 16.58	22449 24.04
25 TO 34	1953 2.09	1790 1.92	2128 2.28	87 0.09	16310 17.47	22268 23.85
35 TO 44	1199 1.28	1130 1.21	1579 1.69	63 0.07	11930 12.78	15901 17.03
45 TO 54	704 0.75	606 0.65	895 0.96	33 0.04	6840 7.32	9078 9.72
55 TO 64	514 0.55	429 0.46	660 0.71	30 0.03	5166 5.53	6799 7.28
65 TO 74	404 0.43	300 0.32	476 0.51	20 0.02	3850 4.12	5050 5.41
75 AND OLDER	235 0.25	148 0.16	173 0.19	11 0.01	1807 1.94	2374 2.54
TOTAL	9147 9.80	8647 9.26	9335 10.00	409 0.44	65841 70.51	93379 100.00

1988 WEST VIRGINIA CRASH DATA
SEX OF DRIVERS AND OCCUPANTS BY AGE

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY SEX

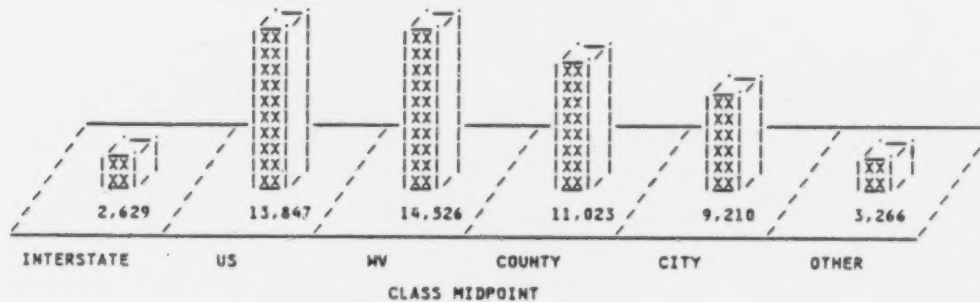
AGE	SEX		TOTAL
	FEMALE	MALE	
FREQUENCY PERCENT			
1	52 0.06	56 0.06	108 0.12
2	74 0.08	79 0.08	153 0.16
3	71 0.08	74 0.08	145 0.16
4	62 0.07	56 0.06	118 0.13
5	64 0.07	66 0.07	130 0.14
6	82 0.09	51 0.05	133 0.14
7	68 0.07	65 0.07	133 0.14
8	81 0.09	71 0.08	152 0.16
9	87 0.09	72 0.08	159 0.17
10	87 0.09	100 0.11	187 0.20
11	73 0.08	91 0.10	164 0.18
12	90 0.10	66 0.07	156 0.17
13	116 0.12	97 0.10	213 0.23
14	151 0.16	107 0.11	258 0.28
15	243 0.26	195 0.21	438 0.47
16	1151 1.23	1779 1.91	2930 3.14
17	1506 1.61	2385 2.56	3891 4.17
18 TO 24	8126 8.71	14301 15.32	22427 24.03
25 TO 34	8631 9.25	13629 14.60	22260 23.85
35 TO 44	6398 6.86	9488 10.17	15886 17.02
45 TO 54	3513 3.76	5560 5.96	9073 9.72
55 TO 64	2589 2.77	4204 4.50	6793 7.28
65 TO 74	1949 2.09	3097 3.32	5046 5.41
75 AND OLDER	843 0.90	1529 1.64	2372 2.54
TOTAL	36107 38.69	57218 61.31	93325 100.00

1988 ACCIDENT DATA

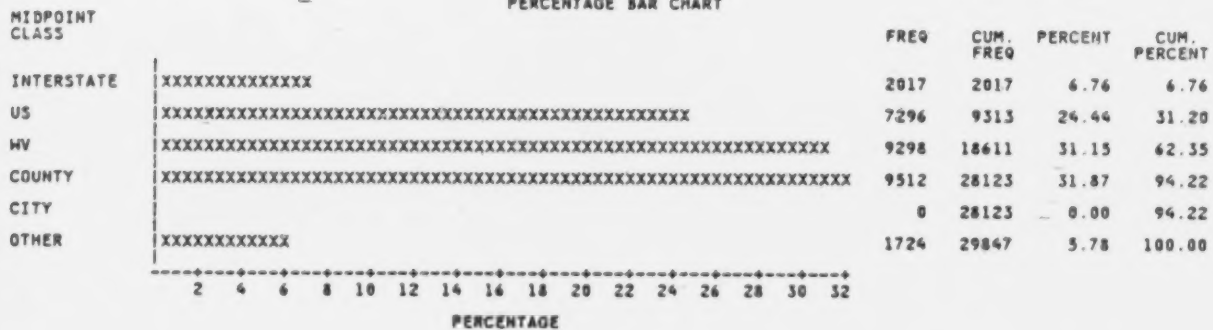
<u>Contributing Factors</u>	<u>Number</u>	<u>Percent</u>
Exceeding Speed Limit	452	0.5
Exceeding Safe Speed	1,878	2.0
Improper Lane Change	1,494	1.6
Follows Too Close	1,656	1.7
Disregards Traffic Control	1,397	1.5
Didn't Have Right of Way	8,017	8.4
Didn't Have Control	16,274	17.0
Under Minimum Speed	28	0
No/Improper Signal	154	0.2
Turning Improperly	940	1.0
Passing Improperly	583	0.6
Parking Improperly	298	0.3
Backing Improperly	1,182	1.2
Avoiding Animal/Vehicle	1,085	1.1
Distraction in Vehicle	144	0.2
Walking Violation	5	0
Driver Under Influence	597	0.6
Pedestrian Under Influence	9	0
Slippery Pavement	1,289	1.3
Other Road Defects	232	0.2
Previous Accident	35	0
Mechanical Defect	550	0.5
None Noted	<u>57,544</u>	<u>60.1</u>
 TOTAL	 <u>95,843</u>	 <u>100.0</u>

<u>Specific Location</u>	<u>Number</u>	<u>Percent</u>
Intersection	14,346	26.3
Commercial Drive	7,089	13.0
Private Drive	362	0.7
Bridge/Overpass	468	0.9
Underpass	50	0.1
Railroad Crossing	91	0.2
Lane Changes	0	0
Construction	678	1.2
None Noted	<u>31,412</u>	<u>57.6</u>
 TOTAL	 <u>54,496</u>	 <u>100.0</u>

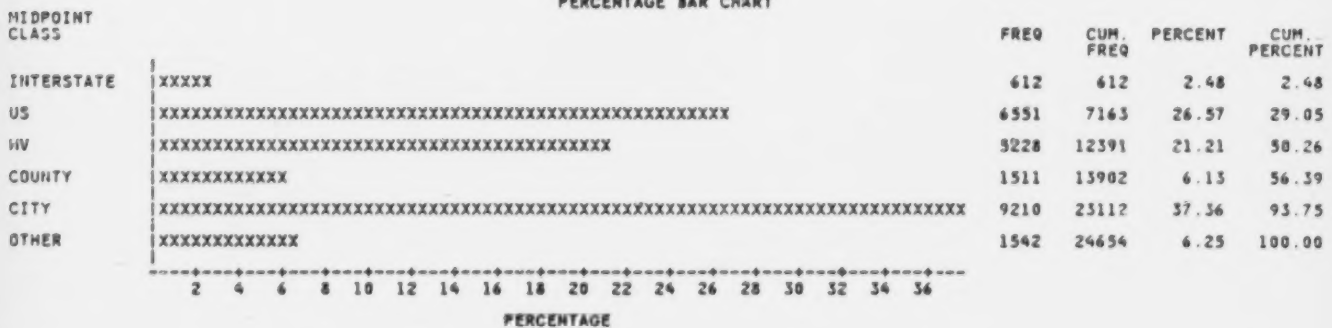
1988 WEST VIRGINIA CRASH DATA
 BY TYPE OF HIGHWAY
 TOTAL FOR STATE
 BLOCK CHART OF CRASH SUMS



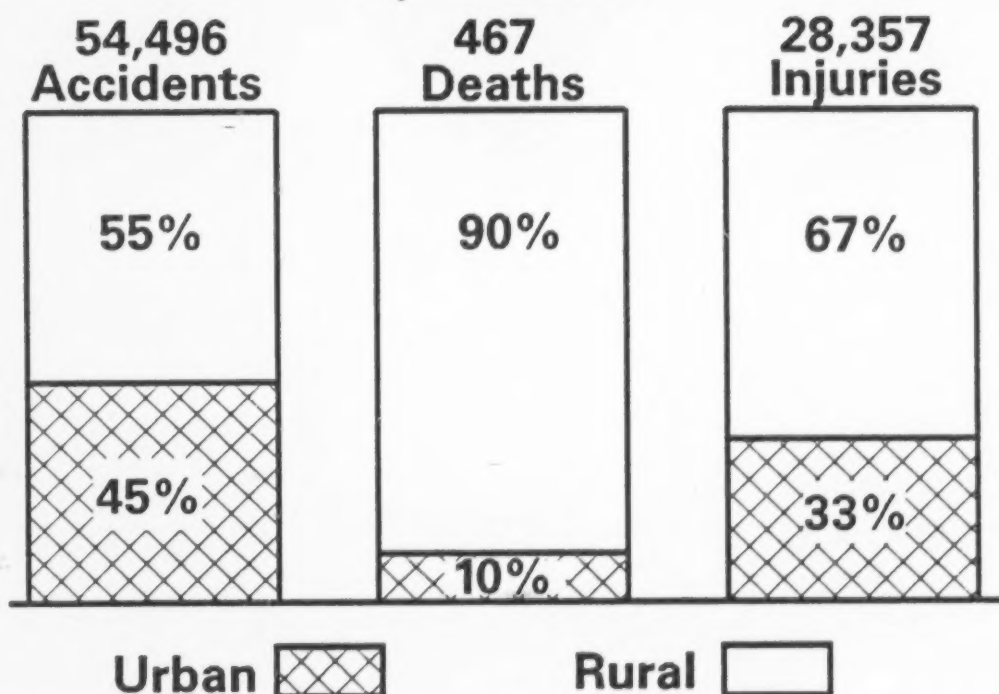
RURAL AREAS
 PERCENTAGE BAR CHART



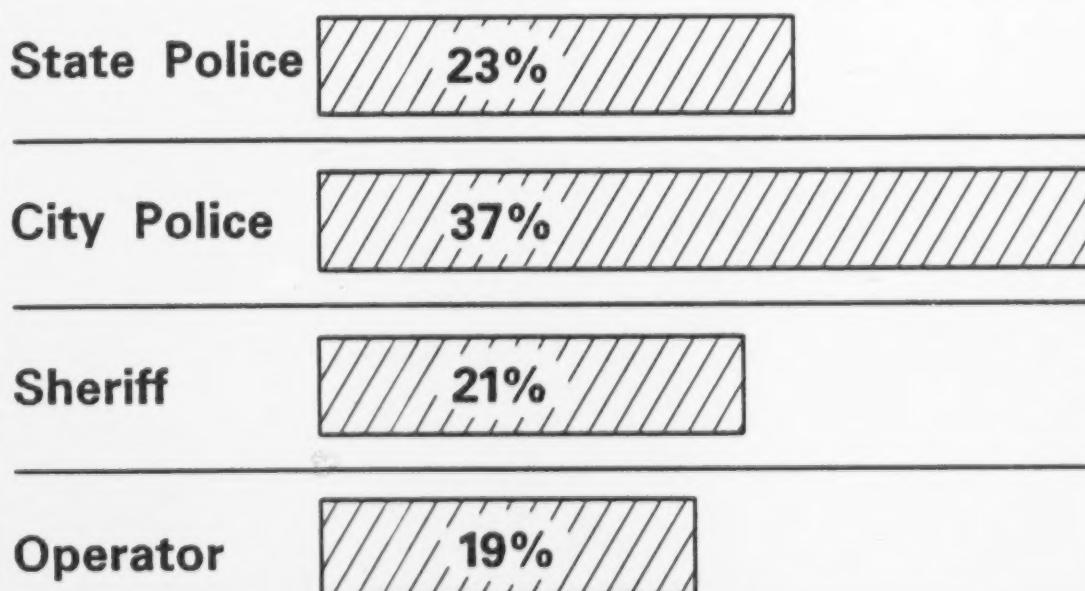
URBAN AREAS
 PERCENTAGE BAR CHART



**% Of All Reported Accidents In 1988
By Location**



**% Of All Reported Accidents In 1988
By Data Source**



BASE ACCIDENT RATES

1986 - 1988

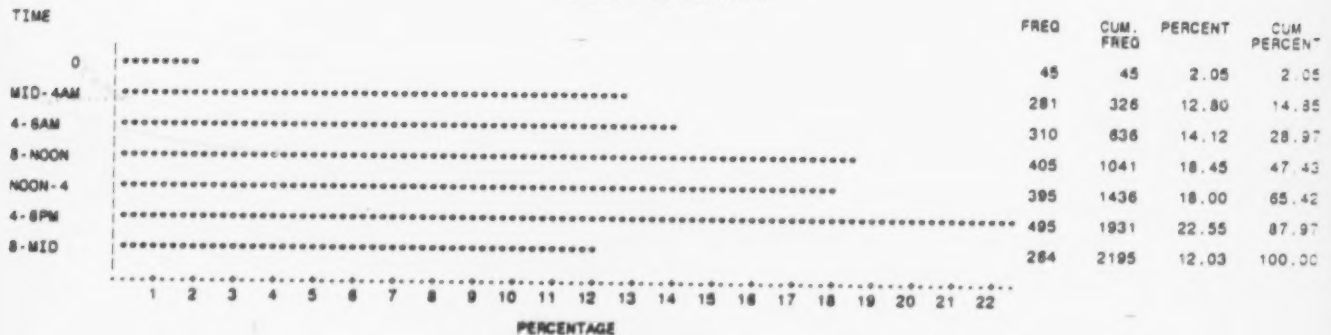
<u>Highway Type</u>	<u>*Rate Per HMVM</u>
Rural Interstate	82
Urban Interstate	124
Rural Primary	300
Rural Primary - Two Lanes	308
Rural Primary - Two Lanes 16-17'	372
Rural Primary - Two Lanes 18-22'	311
Rural Primary - Two Lanes over 22'	260
Rural Primary - Four Lanes	158
Rural Primary - Four Lanes Controlled Access	120
Urban Primary	539
Urban Primary - Two Lanes	547
Urban Primary - Four Lanes	420
County Routes over 500 ADT	362
Rural County Routes over 500 ADT less than 16'	277
Rural County Routes over 500 ADT 16-17'	361
Rural County Routes over 500 ADT 18-22'	379
Urban County Routes over 500 ADT - Two Lanes	374

* 3-Year Accident Rate Per Hundred Million Vehicle Miles

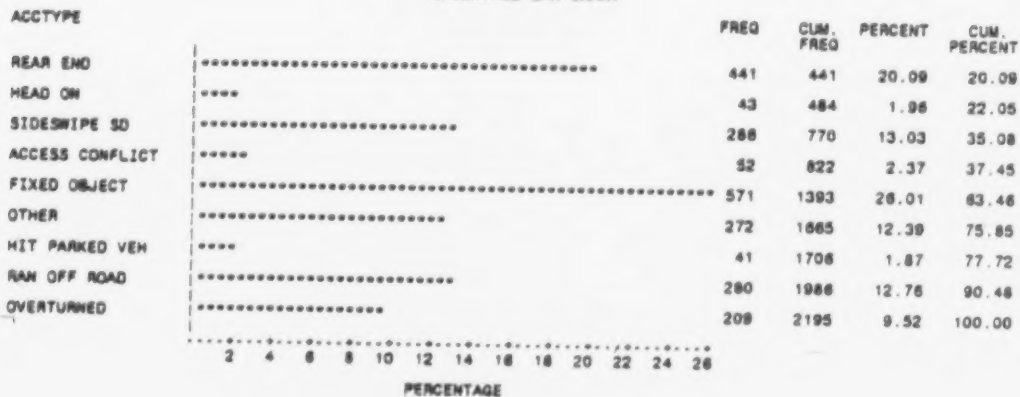
1988 WEST VIRGINIA CRASH DATA
HIGHWAY SEGMENTS WITH 65MPH SPEED LIMIT

HIGHWAY	TOTAL CRASHES	INJURY CRASHES	PERSONS INJURED	FATAL CRASHES	PERSONS KILLED	ECONOMIC* LOSS
I-64 WEST	531	208	298	7	8	\$19,203,000
I-64 EAST	90	43	61	3	3	\$5,982,000
I-70	62	24	44	0	0	\$1,159,000
I-77 SOUTH	59	29	49	0	0	\$1,098,000
I-77 TURNPIKE	251	124	199	2	2	\$7,569,000
I-77 NORTH	307	154	250	2	2	\$9,081,000
I-79	615	238	359	18	21	\$40,299,000
I-81	159	60	96	4	4	\$8,229,000
I-470	20	6	7	0	0	\$216,000
US 48	101	42	64	2	2	\$4,542,000
	2,195	926	1,427	38	42	\$97,374,000

BY TIME OF DAY
PERCENTAGE BAR CHART



BY TYPE OF CRASH
PERCENTAGE BAR CHART



ECONOMIC LOSS*
*(BASED ON ESTIMATES BY THE FEDERAL HIGHWAY ADMINISTRATION)
1. FATALITY-\$1,500,000
2. INJURIES A-\$39,000 B-\$12,000 C-\$6,000
3. PDO ACC-\$3,000

1988 WEST VIRGINIA CRASH DATA
AGE AND SEX OF MOTORCYCLE OPERATORS AND PASSENGERS

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY SEX

AGE	SEX		TOTAL
	FEMALE	MALE	
FREQUENCY PERCENT			
15 AND YOUNGER	4 0.59	32 4.75	36 5.34
16	0 0.00	27 4.01	27 4.01
17	4 0.59	35 5.19	39 5.79
18	4 0.59	45 6.68	49 7.27
19	2 0.30	28 4.15	30 4.45
20 TO 24	14 2.08	163 24.18	177 26.26
25 TO 34	6 0.89	179 26.56	185 27.45
35 TO 44	2 0.30	81 12.02	83 12.31
45 TO 54	7 1.04	22 3.26	29 4.30
55 TO 64	1 0.15	14 2.08	15 2.23
65 TO 74	0 0.00	3 0.45	3 0.45
75 AND OLDER	0 0.00	1 0.15	1 0.15
TOTAL	44 6.53	630 93.47	674 100.00

FREQUENCY MISSING = 25

INJURY SEVERITY OF MOTORCYCLE OPERATORS AND PASSENGERS

TABLE OF INJURY BY SEAT

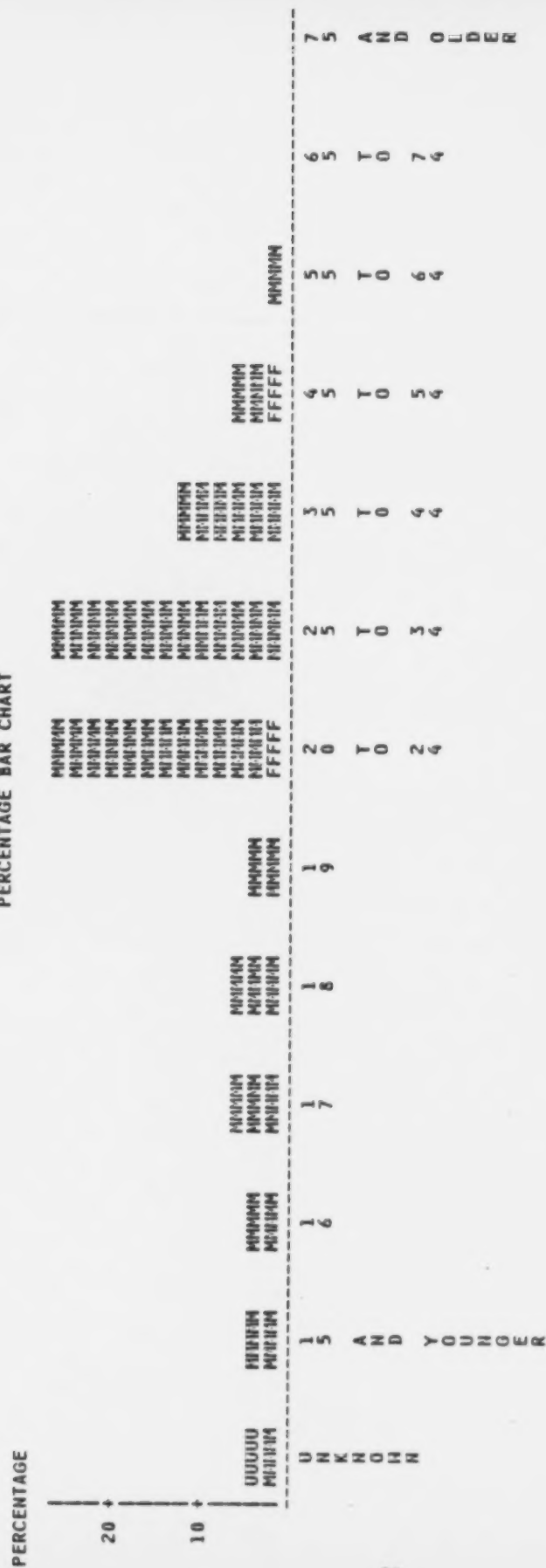
INJURY	SEAT		TOTAL
	PASSENGER	OPERATOR	
FREQUENCY PERCENT			
A BLEEDING	26 3.72	289 41.34	315 45.06
B BRUISES	19 2.72	178 25.46	197 28.18
C NOT VISIBLE	2 0.29	49 7.01	51 7.30
K KILLED	1 0.14	19 2.72	20 2.86
O NO INJURY	0 0.00	116 16.60	116 16.60
TOTAL	48 6.87	651 93.13	699 100.00

1988 WEST VIRGINIA CRASH DATA

SEX OF MOTORCYCLE OPERATORS AND PASSENGERS

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

PERCENTAGE BAR CHART



1988 WEST VIRGINIA CRASH DATA

SEX OF PEDESTRIANS BY AGE

PREPARED BY CARLIN KENDRICK
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY SEX

AGE	SEX		TOTAL
	FEMALE	MALE	
FREQUENCY PERCENT			
1	1 0.12	2 0.24	3 0.36
2	1 0.12	2 0.24	3 0.36
3	4 0.48	9 1.08	13 1.56
4	2 0.24	8 0.96	10 1.20
5	3 0.36	12 1.44	15 1.81
6	10 1.20	14 1.68	24 2.89
7	12 1.44	24 2.89	36 4.33
8	7 0.84	27 3.25	34 4.09
9	14 1.68	26 3.13	40 4.81
10	11 1.32	18 2.17	29 3.49
11	15 1.81	30 3.61	45 5.42
12	8 0.96	23 2.77	31 3.73
13	7 0.84	26 3.13	33 3.97
14	14 1.68	20 2.41	34 4.09
15	9 1.08	16 1.93	25 3.01
16	9 1.08	20 2.41	29 3.49
17	4 0.48	19 2.29	23 2.77
18 TO 24	26 3.13	84 10.11	110 13.24
25 TO 34	28 3.37	73 8.78	101 12.15
35 TO 44	23 2.77	45 5.42	68 8.18
45 TO 54	7 0.84	24 2.89	31 3.73
55 TO 64	20 2.41	19 2.29	39 4.69
65 TO 74	15 1.81	6 0.72	21 2.53
75 AND OLDER	18 2.17	16 1.93	34 4.09
TOTAL	268 32.25	563 67.75	831 100.00

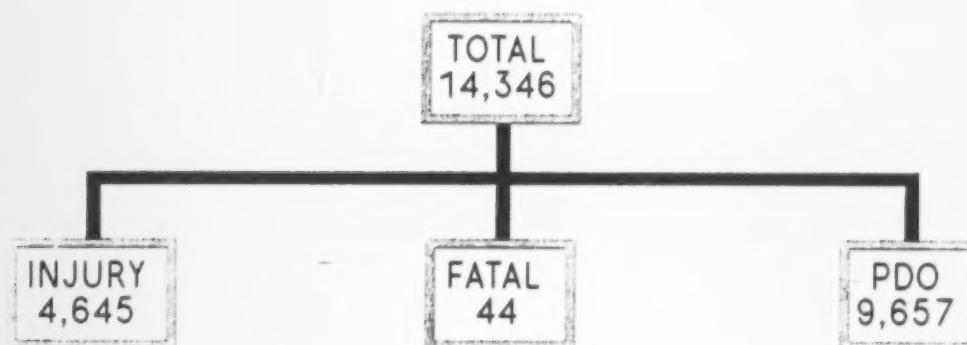
1988 WEST VIRGINIA CRASH DATA
INJURY SEVERITY OF PEDESTRIANS BY AGE

PREPARED BY CARLIN KENDRICK
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

TABLE OF AGE BY INJURY

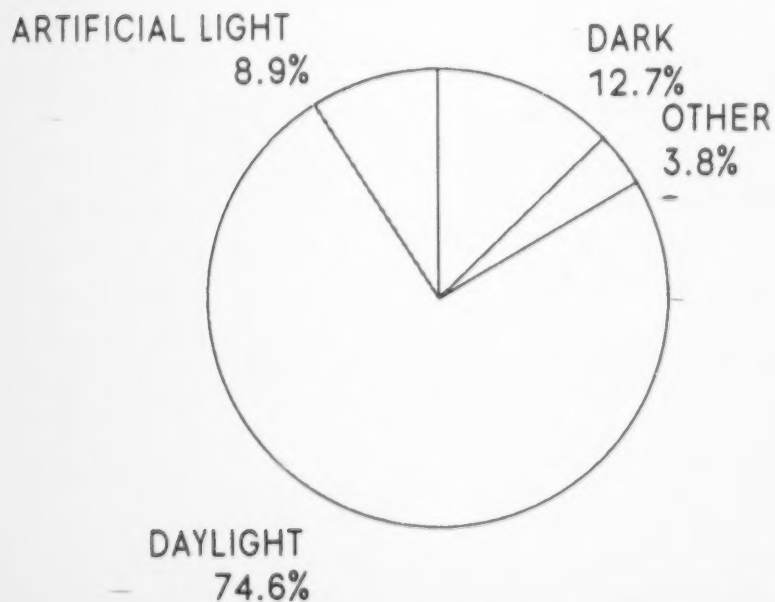
AGE	INJURY					
FREQUENCY PERCENT	BLEEDING	BRUISES	NOT VISIBLE	KILLED	NO INJURY	TOTAL
1	3 0.36	0 0.00	0 0.00	0 0.00	0 0.00	3 0.36
2	2 0.24	0 0.00	1 0.12	0 0.00	0 0.00	3 0.36
3	6 0.73	4 0.48	1 0.12	1 0.12	1 0.12	13 1.57
4	5 0.61	2 0.24	2 0.24	1 0.12	0 0.00	10 1.21
5	6 0.73	8 0.97	1 0.12	0 0.00	0 0.00	15 1.82
6	12 1.45	6 0.73	4 0.48	1 0.12	1 0.12	24 2.91
7	19 2.30	9 1.09	5 0.61	2 0.24	1 0.12	36 4.36
8	15 1.82	12 1.45	4 0.48	0 0.00	3 0.36	34 4.12
9	16 1.94	18 2.18	4 0.48	1 0.12	1 0.12	40 4.84
10	14 1.69	11 1.33	1 0.12	1 0.12	2 0.24	29 3.51
11	17 2.06	18 2.18	5 0.61	1 0.12	4 0.48	45 5.45
12	11 1.33	13 1.57	3 0.36	3 0.36	1 0.12	31 3.75
13	9 1.09	16 1.94	6 0.73	0 0.00	2 0.24	33 4.00
14	14 1.69	14 1.69	2 0.24	2 0.24	1 0.12	33 4.00
15	10 1.21	8 0.97	3 0.36	1 0.12	3 0.36	25 3.03
16	13 1.57	6 0.73	4 0.48	2 0.24	4 0.48	29 3.51
17	9 1.09	11 1.33	1 0.12	2 0.24	0 0.00	23 2.78
18 TO 24	48 5.81	30 3.63	18 2.18	7 0.85	7 0.85	110 13.32
25 TO 34	44 5.33	28 3.39	15 1.82	8 0.97	5 0.61	100 12.11
35 TO 44	35 4.24	20 2.42	5 0.61	6 0.73	1 0.12	67 8.11
45 TO 54	13 1.57	9 1.09	5 0.61	3 0.36	1 0.12	31 3.75
55 TO 64	17 2.06	11 1.33	7 0.85	3 0.36	0 0.00	38 4.60
65 TO 74	11 1.33	2 0.24	7 0.85	1 0.12	0 0.00	21 2.54
75 AND OLDER	13 1.57	8 0.97	3 0.36	9 1.09	0 0.00	33 4.00
TOTAL	362 43.83	264 31.96	107 12.95	55 6.66	38 4.60	826 100.00

1988 INTERSECTION CRASHES



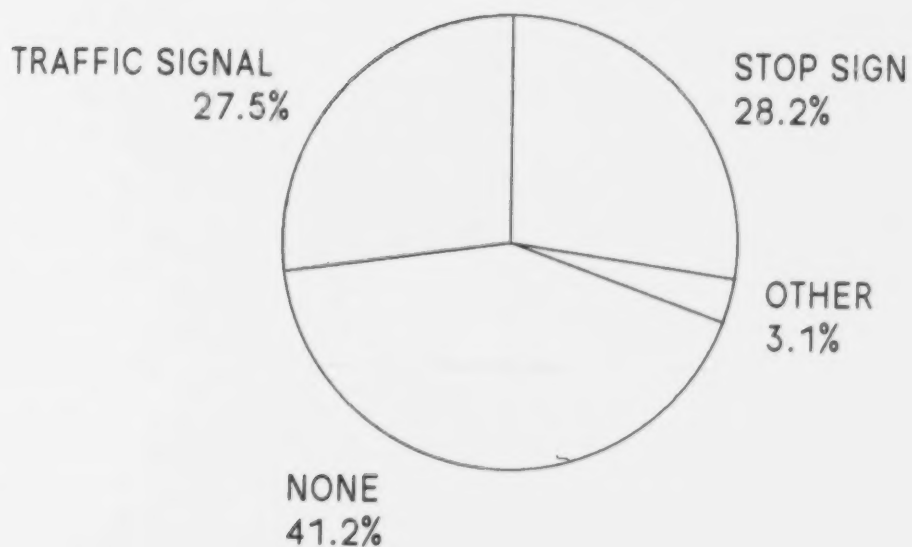
1988 INTERSECTION CRASHES

LIGHT CONDITION



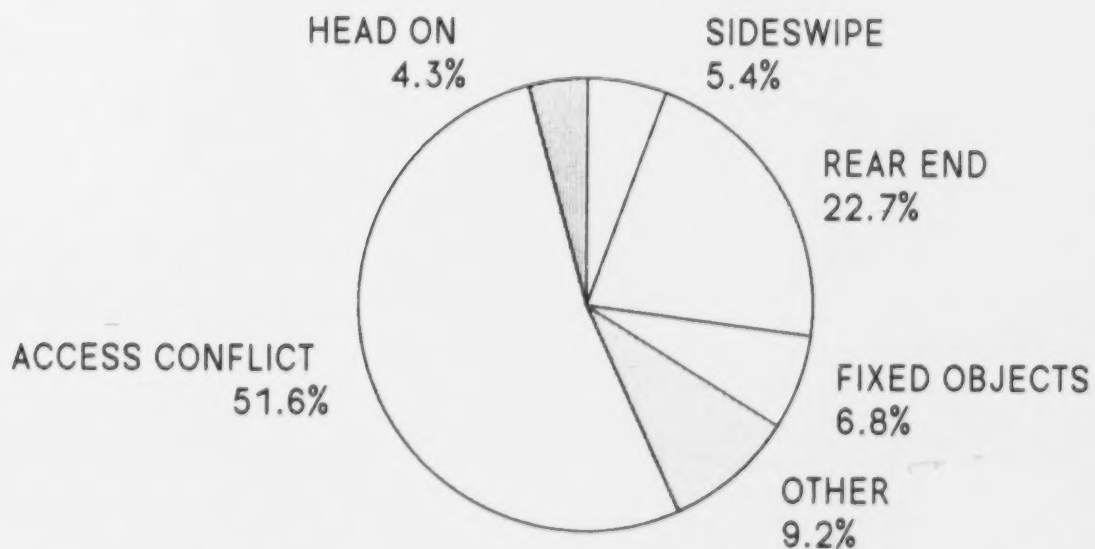
1988 INTERSECTION CRASHES

BY TRAFFIC CONTROL

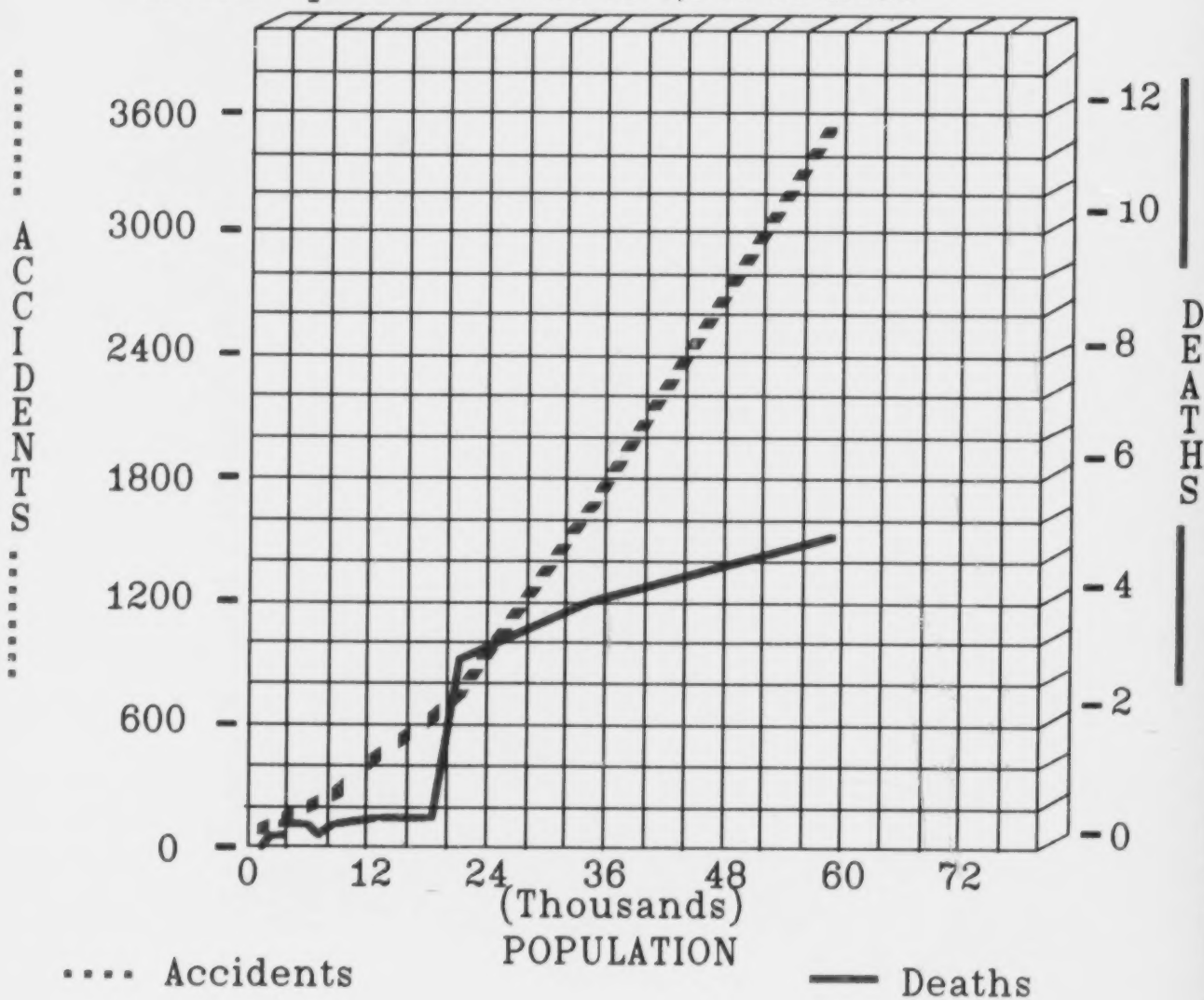


1988 INTERSECTION CRASHES

TYPE OF COLLISION



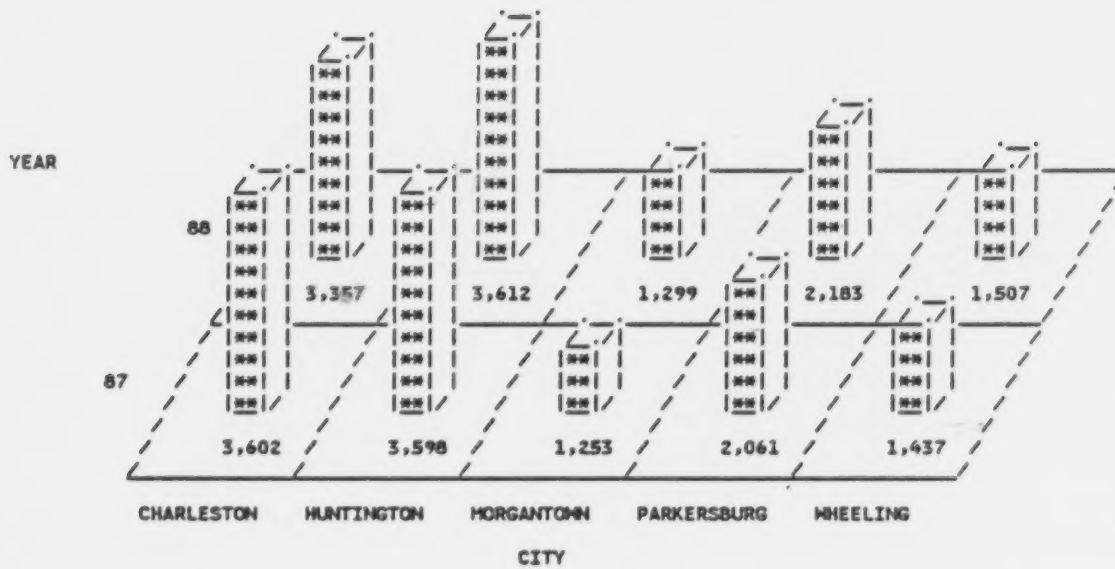
1988 ACCIDENTS AND DEATHS vs POPULATION* In Incorporated Towns Of 2,500 Or More



*Population - 1986 Bureau of Census

1988 WEST VIRGINIA CRASH DATA
CRASHES IN LARGEST CITIES

BLOCK CHART OF CRASHES



1988 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 2,500 - 5,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION	DEATHS	% SEATBELT USED
BARBOURSVILLE	3,210	57	178	16	0	0	0	40
BETHLEHEM	3,020	54	179	18	2	7	0	21
CHARLES TOWN	3,170	181	571	67	3	9	0	23
CHESTER	3,190	26	82	5	0	0	1	11
FOLLANSBEE	3,850	121	314	38	6	16	0	36
HINTON	3,900	44	113	19	0	0	0	10
HURRICANE	4,530	65	143	21	1	2	0	25
KENOVA	3,950	69	175	20	2	5	1	9
KINGHOOD	2,670	72	270	18	2	7	2	14
LEWISBURG	3,230	97	300	37	2	6	0	25
LOGAN	2,630	71	270	22	2	8	0	9
MADISON	3,070	91	296	30	2	7	2	23
MARTINSBURG	3,020	32	106	8	0	0	0	11
MONTGOMERY	2,500	50	200	7	0	0	0	7
MULLENS	2,540	25	98	10	0	0	0	4
PADEN CITY	3,480	38	109	5	0	0	0	10
PHILIPPI	2,950	73	247	15	1	3	0	4
RAISON	2,840	114	401	38	4	14	0	6
RAVENSHOOD	3,630	47	129	19	2	6	0	15
RICHWOOD	3,140	42	134	17	2	6	1	3
RIPLEY	3,360	143	426	34	3	9	0	11
SHIRINGTON	2,910	45	155	14	1	3	0	4
SPENCER	2,670	120	449	18	1	4	0	18
SUMMERSVILLE	3,150	134	425	35	1	3	0	20
WELCH	3,220	149	463	53	5	16	0	16
WELLSBURG	3,620	124	343	78	4	11	0	11
WHITE SULPHUR SPRINGS	3,300	30	91	9	0	0	0	2
WILLIAMSON	4,970	132	266	22	4	8	1	13
WILLIAMSTOWN	3,320	28	84	7	0	0	0	62
		*****		***				
		2,274		702			8	

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 5,001 - 10,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION	DEATHS	% SEATBELT USED
BRIDGEPORT	6,560	148	226	47	3	5	0	15
BUCKHANNON	7,100	159	224	44	3	4	1	18
DUNBAR	9,020	337	374	111	7	8	0	29
ELKINS	8,020	282	352	82	3	4	0	31
GRAFTON	6,480	107	165	26	1	2	0	5
KEYSER	6,340	154	243	65	7	11	0	25
NEW MARTINSVILLE	7,010	202	288	99	2	3	0	15
NITRO	7,790	214	275	120	4	5	0	27
OAK HILL	7,290	173	237	68	2	3	1	18
PRINCETON	8,140	396	486	220	3	4	1	19
PT PLEASANT	5,200	188	362	103	4	8	0	21
NESTON	5,800	165	284	51	7	12	1	5
NESTOVER	5,030	100	199	31	1	2	0	15
		*****		*****				
		2,625		1,069			4	

*POPULATION - 1986 BUREAU OF CENSUS

1988 WEST VIRGINIA CRASH DATA
CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 10,001 - 25,000

CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION	DEATHS	% SEATBELT USED
BECKLEY	19,560	735	376	417	15	8	0	26
BLUEFIELD	14,400	393	273	210	12	8	0	28
CLARKSBURG	19,960	480	240	124	5	3	1	11
FAIRMONT	22,260	834	375	307	12	5	3	26
MARTINSBURG	13,210	581	440	183	11	8	2	24
MOUNDSVILLE	11,590	282	243	124	5	4	0	13
SO CHARLESTON	14,990	662	442	323	11	7	0	38
ST ALBANS	12,010	354	295	138	3	2	1	23
VIENNA	11,370	176	155	59	5	4	0	38
WEIRTON	23,640	720	305	355	16	7	3	40
		*****		*****			**	
		5,217		2,240			10	

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION 25,001 - 50,000

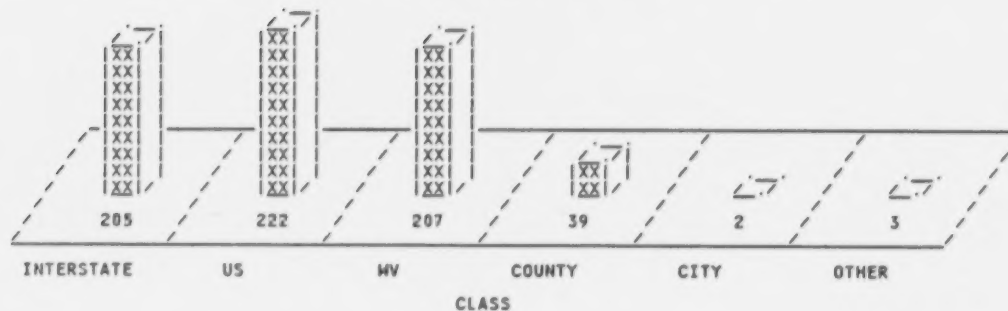
CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION	DEATHS	% SEATBELT USED
MORGANTOWN	26,840	1,299	484	366	27	10	1	37
PARKERSBURG	38,540	2,183	566	921	48	12	6	40
WHEELING	39,980	1,507	377	636	30	8	5	24
		*****		*****			**	
		4,989		1,923			12	

CITY CRASH INFORMATION
INCORPORATED TOWNS *POPULATION OVER 50,000

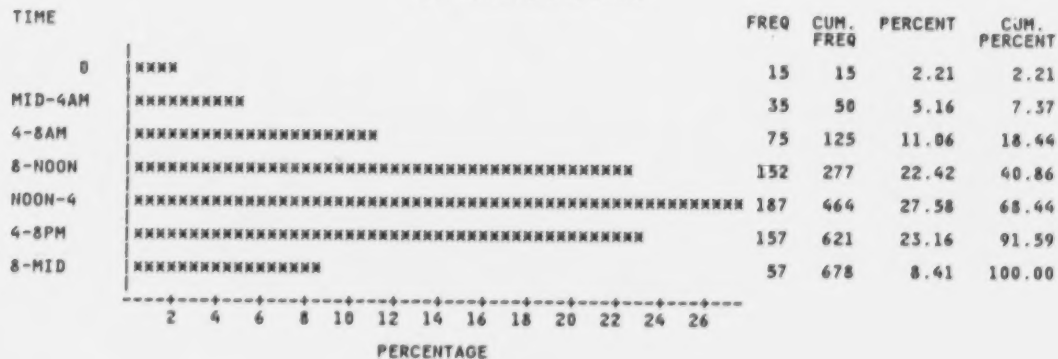
CITY	POPULATION	CRASHES	CRASHES /10,000 POPULATION	INJURIES	PEDESTRIAN CRASHES	PEDESTRIAN CRASHES /10,000 POPULATION	DEATHS	% SEATBELT USED
CHARLESTON	57,920	3,357	580	1,355	74	13	6	31
HUNTINGTON	59,310	3,612	609	1,126	95	16	4	29
		*****		*****			**	
		6,969		2,481			10	

*POPULATION - 1986 BUREAU OF CENSUS

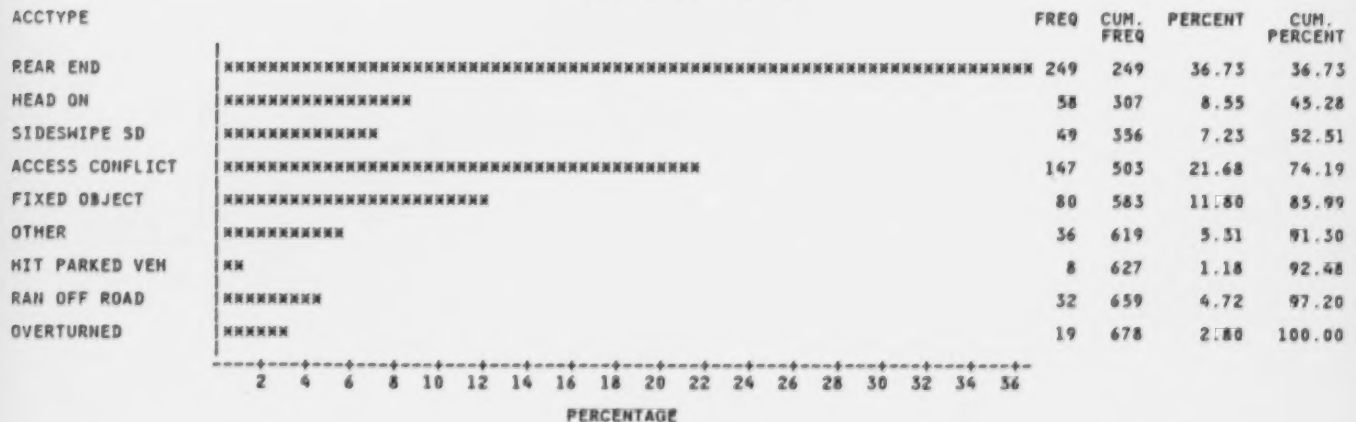
WEST VIRGINIA CRASH DATA
1988 WORK ZONE CRASHES
BY HIGHWAY CLASSIFICATION
BLOCK CHART OF CRASH SUMS



TIME OF DAY
PERCENTAGE BAR CHART



BY TYPE OF CRASH
PERCENTAGE BAR CHART



1988 WEST VIRGINIA FATAL CRASH DATA

Fatal Crashes and Fatalities By Month

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Total Fatal Crashes	37	30	38	26	26	38	32	31	49	42	30	33	412
Persons Killed	46	34	41	28	31	43	35	35	51	47	34	42	467
Persons Injured	32	39	27	17	19	46	27	42	58	38	26	40	411
Alcohol Related Crashes	17	14	17	12	9	16	15	8	26	20	11	13	178
Intersection Crashes	5	5	4	1	2	4	3	2	4	5	4	3	42
Bicycle Crashes	0	0	0	0	0	0	1	0	1	0	0	0	2
Pedestrian Crashes	5	4	6	3	3	1	4	3	9	8	4	4	54
Train Crashes	1	0	0	0	0	0	0	0	1	0	0	0	2
Motorcycle Crashes	0	0	2	1	1	3	4	3	8	0	0	0	22
Semi Crashes	2	4	4	2	1	1	5	6	5	2	2	3	37

Fatal Crashes and Fatalities By Highway Classification

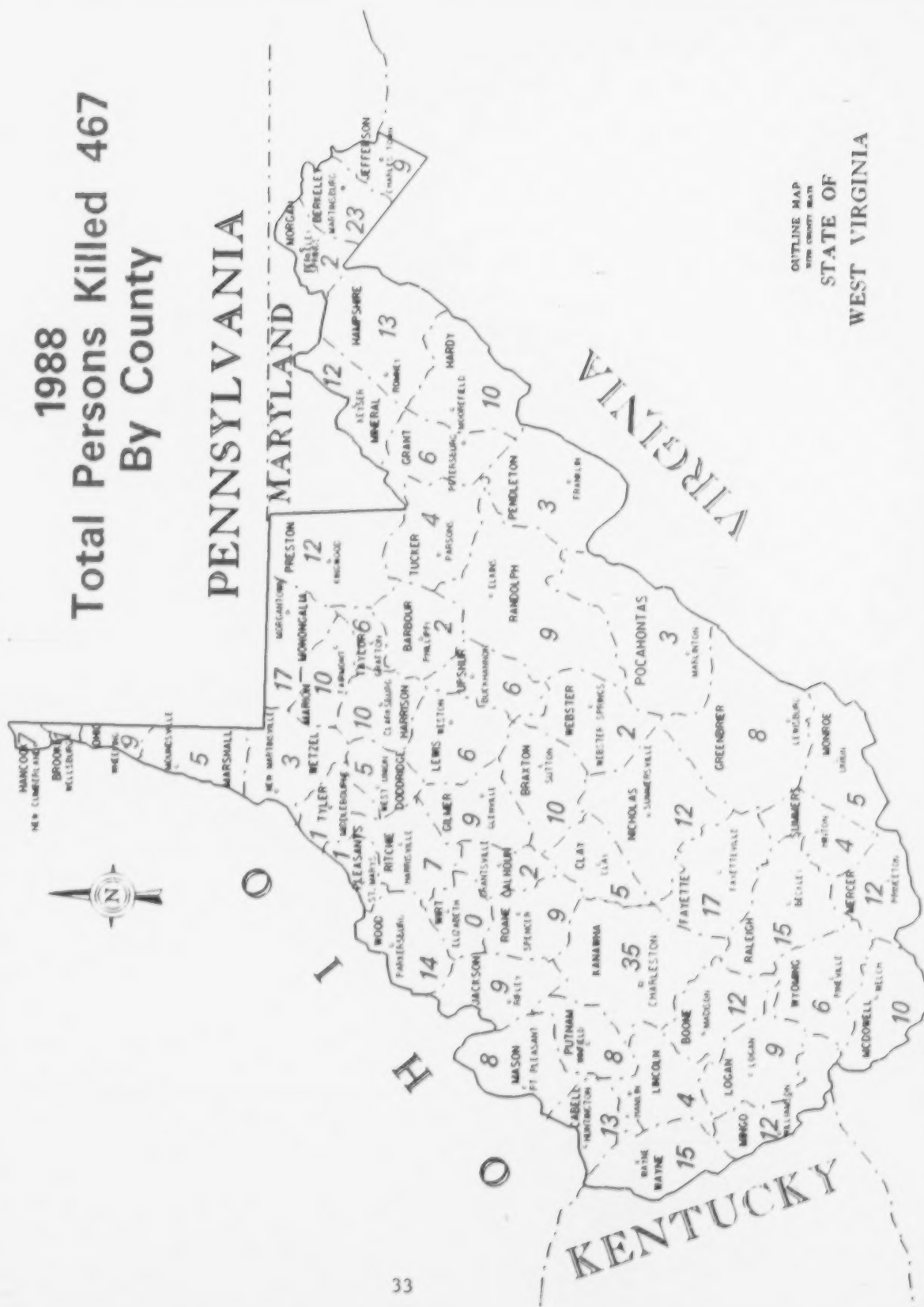
	Interstate	U.S.	W.V.	County	City	Other	Total
Total Fatal Crashes	39	129	140	86	11	7	412
Persons Killed	44	148	164	93	11	7	467
Alcohol Related Crashes	13	54	58	46	5	2	178
Intersection Crashes	0	25	9	4	4	0	42
Bicycle Crashes	0	0	0	1	1	0	2
Pedestrian Crashes	3	18	19	9	2	3	54
Train Crashes	0	1	1	0	0	0	2
Motorcycle Crashes	1	5	9	6	1	0	22
Semi Crashes	5	15	14	1	0	2	37

1988 WEST VIRGINIA CRASH DATA FATAL CRASHES AND FATALITIES BY COUNTY

COUNTY	TOTAL FATAL CRASHES	PERSONS KILLED	ALCOHOL RELATED CRASHES	INTERSECTION CRASHES	BICYCLE CRASHES	PEDESTRIAN CRASHES	TRAIN CRASHES	MOTORCYCLE CRASHES	SEMI CRASHES
BARBOUR	2	2	0	1	0	1	0	0	0
BERKELEY	21	23	11	0	1	1	0	0	2
BOONE	10	12	3	0	1	3	0	0	0
BRAXTON	8	10	3	0	0	0	0	0	2
BROOKE	1	1	0	0	0	0	0	0	1
CABELL	12	13	5	3	0	4	0	0	0
CALHOUN	2	2	0	0	0	0	0	0	0
CLAY	5	5	2	0	0	0	0	0	0
DODDGE	5	5	3	2	0	0	0	0	0
FAYETTE	13	17	8	1	0	2	0	0	2
GILMER	5	9	1	0	0	1	0	0	0
GRANT	6	6	1	0	0	1	0	0	0
GREENBRIER	8	8	5	0	0	0	0	0	3
HAMPSHIRE	12	13	5	1	0	0	0	0	1
HANCOCK	6	7	3	1	0	0	0	0	1
HARDY	8	10	3	0	0	0	0	0	0
HARRISON	10	10	5	3	0	0	0	1	1
JACKSON	8	9	3	0	0	0	0	1	1
JEFFERSON	6	9	2	0	0	0	0	0	0
KANAWHA	33	35	15	4	0	0	0	0	1
LEWIS	6	6	1	1	0	11	0	3	1
LINCOLN	4	4	1	0	0	1	0	0	0
LOGAN	8	9	2	1	0	1	0	0	0
MCDOWELL	6	10	3	0	0	3	0	1	1
MARION	9	10	4	0	0	0	0	1	0
MARSHALL	4	5	4	0	0	1	0	1	1
MASON	7	8	2	1	0	0	0	2	0
MERCER	11	12	7	1	0	1	0	1	1
MINERAL	11	12	5	1	0	2	0	2	0
MINGO	11	12	6	0	0	1	0	0	2
MONONGALIA	13	17	5	2	0	1	1	1	3
MONROE	4	5	1	0	0	0	0	0	0
MORGAN	2	2	1	0	0	0	0	0	1
NICHOLAS	11	12	6	3	0	1	0	0	0
OHIO	9	9	5	3	0	1	0	0	3
PENDLETON	3	3	0	4	0	2	0	1	0
PLEASANTS	1	1	0	0	0	0	0	0	0
POCAHONTAS	3	3	2	0	0	0	0	0	0
PRESTON	12	12	4	1	0	1	0	1	2
PUTNAM	7	8	6	1	0	1	0	0	1
RALEIGH	15	15	3	1	0	1	0	0	1
RANDOLPH	9	9	1	0	0	1	0	0	1
RITCHIE	4	7	3	0	0	0	0	0	2
ROANE	7	9	1	1	0	0	0	0	1
ROBERTS	3	4	1	0	0	0	0	0	2
SUMMERS	4	6	2	1	0	0	0	0	0
TAYLOR	4	4	2	0	0	0	0	1	0
TUCKER	4	4	2	0	0	0	0	2	0
TYLER	1	1	0	0	0	0	0	0	0
UPSHUR	5	6	2	2	0	0	0	0	0
WAYNE	13	15	5	0	0	2	0	2	0
WEBSTER	2	2	2	0	0	0	0	0	0
WETZEL	3	3	2	0	0	0	0	0	0
WOOD	13	14	5	1	0	1	0	0	0
WYOMING	6	6	1	1	0	3	0	1	1
	412	467	178	42	2	54	2	22	37

PENNsylvania

OUTLINE MAP
WITH COUNTY BATHY
STATE OF
WEST VIRGINIA



WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

JANUARY 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2 3 TOTAL 4 KILLED 1 PED 1 SEMI
3 1 TOTAL 1 KILLED	4	5	6	7 1 TOTAL 2 KILLED	8	9 2 TOTAL 4 KILLED 2 ALCOHOL
10 2 TOTAL 2 KILLED 2 ALCOHOL 1 INTSEC	11	12	13	14 2 TOTAL 2 KILLED	15 3 TOTAL 3 KILLED 2 ALCOHOL	16 1 TOTAL 1 KILLED 1 INTSEC 1 PED
17	18 6 TOTAL 9 KILLED 3 ALCOHOL 3 INTSEC 2 PED	19	20 1 TOTAL 1 KILLED 1 ALCOHOL	21	22 1 TOTAL 1 KILLED 1 ALCOHOL	23 4 TOTAL 6 KILLED 4 ALCOHOL
24	25 1 TOTAL 1 KILLED 1 SEMI	26 2 TOTAL 2 KILLED	27	28	29 1 TOTAL 1 KILLED 1 INTSEC	30 4 TOTAL 4 KILLED 1 ALCOHOL 1 PED
31 2 TOTAL 2 KILLED 1 ALCOHOL						

	SUM
TOTAL CRASHES	37
PERSONS KILLED	46
ALCOHOL CRASHES	17
INTERSECTION CRASHES	6
PEDESTRIAN CRASHES	5
MOTORCYCLE CRASHES	0
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

FEBRUARY 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
		1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED	1 TOTAL 1 KILLED 1 ALCOHOL		1 TOTAL 1 KILLED 1 ALCOHOL
7	8	9	10	11	12	13
1 TOTAL 1 KILLED 1 ALCOHOL	3 TOTAL 5 KILLED 2 ALCOHOL 1 INTSEC 1 PED	1 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC			2 TOTAL 2 KILLED 2 ALCOHOL	2 TOTAL 2 KILLED 2 ALCOHOL
14	15	16	17	18	19	20
	2 TOTAL 2 KILLED 1 SEMI		1 TOTAL 1 KILLED	2 TOTAL 2 KILLED 1 INTSEC 2 SEMI	3 TOTAL 3 KILLED 1 SEMI	
21	22	23	24	25	26	27
1 TOTAL 1 KILLED 1 ALCOHOL	1 TOTAL 1 KILLED 1 ALCOHOL			1 TOTAL 1 KILLED	1 TOTAL 1 KILLED 1 INTSEC	1 TOTAL 2 KILLED
28	29					
3 TOTAL 3 KILLED 1 PED						

	SUM
TOTAL CRASHES	30
PERSONS KILLED	34
ALCOHOL CRASHES	14
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	0
SEMI CRASHES	4

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

MARCH 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	2 3 TOTAL 3 KILLED 1 ALCOHOL 2 PED	3 2 TOTAL 2 KILLED 1 SEMI	4 1 TOTAL 1 KILLED 1 PED	5 2 TOTAL 2 KILLED 1 INTSEC 1 SEMI
6 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC 1 PED	7 1 TOTAL 2 KILLED	8	9 1 TOTAL 1 KILLED 1 PED	10	11 1 TOTAL 1 KILLED 1 MCYCLE	12 2 TOTAL 3 KILLED 2 ALCOHOL
13 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	14 2 TOTAL 2 KILLED 1 INTSEC	15 1 TOTAL 1 KILLED	16	17	18 2 TOTAL 2 KILLED 2 ALCOHOL	19 3 TOTAL 3 KILLED 2 ALCOHOL
20	21 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI	22	23	24 3 TOTAL 3 KILLED 2 ALCOHOL 1 PED	25	26 1 TOTAL 1 KILLED 1 ALCOHOL
27 1 TOTAL 2 KILLED	28 3 TOTAL 3 KILLED 2 ALCOHOL 1 SEMI	29 2 TOTAL 2 KILLED 1 ALCOHOL	30 1 TOTAL 1 KILLED	31		

TOTAL CRASHES	SUM	38
PERSONS KILLED		41
ALCOHOL CRASHES		17
INTERSECTION CRASHES		4
PEDESTRIAN CRASHES		6
MOTORCYCLE CRASHES		2
SEMI CRASHES		4

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

APRIL 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 1 TOTAL 1 KILLED 1 ALCOHOL	2 2 TOTAL 2 KILLED 1 ALCOHOL
3 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC 1 PED	4	5 2 TOTAL 2 KILLED 1 PED	6 2 TOTAL 2 KILLED 1 MCYCLE	7 1 TOTAL 1 KILLED 1 SEMI	8	9 1 TOTAL 1 KILLED 1 ALCOHOL
10 1 TOTAL 1 KILLED	11 1 TOTAL 1 KILLED	12	13	14 1 TOTAL 2 KILLED 1 ALCOHOL	15	16 3 TOTAL 4 KILLED 3 ALCOHOL
17	18	19	20	21	22 3 TOTAL 3 KILLED 1 PED	23 1 TOTAL 1 KILLED
24 2 TOTAL 2 KILLED 1 ALCOHOL	25 1 TOTAL 1 KILLED	26	27	28 1 TOTAL 1 KILLED 1 ALCOHOL 1 SEMI	29	30 2 TOTAL 2 KILLED 2 ALCOHOL

	SUM
TOTAL CRASHES	26
PERSONS KILLED	28
ALCOHOL CRASHES	12
INTERSECTION CRASHES	1
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	1
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

MAY 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 2 TOTAL 2 KILLED	2	3	4 3 TOTAL 5 KILLED 2 ALCOHOL	5	6	7
8	9	10	11	12 1 TOTAL 1 KILLED	13 1 TOTAL 1 KILLED 1 ALCOHOL	14
15 1 TOTAL 1 KILLED 1 PED	16 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	17 2 TOTAL 2 KILLED 1 PED	18	19	20 1 TOTAL 1 KILLED 1 ALCOHOL	21 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC
22 1 TOTAL 1 KILLED	23 1 TOTAL 1 KILLED	24	25 2 TOTAL 3 KILLED 1 INTSEC	26 2 TOTAL 4 KILLED 1 SEMI	27 1 TOTAL 1 KILLED 1 PED	28 2 TOTAL 2 KILLED 1 ALCOHOL
29 2 TOTAL 2 KILLED 1 ALCOHOL	30 1 TOTAL 1 KILLED 1 ALCOHOL	31				

	SUM
TOTAL CRASHES	26
PERSONS KILLED	31
ALCOHOL CRASHES	9
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	1
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

JUNE 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2 1 TOTAL 1 KILLED 1 INTSEC	3	4 1 TOTAL 2 KILLED 1 ALCOHOL
5 1 TOTAL 1 KILLED	6 2 TOTAL 2 KILLED	7	8 3 TOTAL 4 KILLED 1 ALCOHOL	9 1 TOTAL 1 KILLED 1 ALCOHOL	10 3 TOTAL 3 KILLED 2 INTSEC	11 3 TOTAL 3 KILLED 1 ALCOHOL
12 1 TOTAL 1 KILLED 1 ALCOHOL	13	14 1 TOTAL 1 KILLED	15 2 TOTAL 2 KILLED 2 ALCOHOL 1 MCYCLE	16 2 TOTAL 4 KILLED 1 ALCOHOL	17 1 TOTAL 1 KILLED 1 ALCOHOL	18 1 TOTAL 1 KILLED 1 ALCOHOL
19 3 TOTAL 3 KILLED 2 ALCOHOL	20 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	21 1 TOTAL 1 KILLED 1 ALCOHOL	22 1 TOTAL 1 KILLED 1 MCYCLE	23	24	25 1 TOTAL 1 KILLED
26	27 1 TOTAL 1 KILLED 1 ALCOHOL	28 1 TOTAL 1 KILLED	29 2 TOTAL 2 KILLED 1 MCYCLE	30 3 TOTAL 4 KILLED 1 ALCOHOL 1 PED 1 SEMI		

	SUM
TOTAL CRASHES	38
PERSONS KILLED	43
ALCOHOL CRASHES	16
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	1
MOTORCYCLE CRASHES	3
SEMI CRASHES	1

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

JULY 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED	2
3 2 TOTAL 2 KILLED 1 ALCOHOL	4	5 1 TOTAL 1 KILLED 1 ALCOHOL 1 MCYCLE	6	7	8	9 3 TOTAL 4 KILLED 1 ALCOHOL 1 PED
10	11 1 TOTAL 1 KILLED 1 ALCOHOL	12 1 TOTAL 1 KILLED	13 1 TOTAL 2 KILLED 1 ALCOHOL	14	15	16 2 TOTAL 2 KILLED 1 ALCOHOL 1 SEMI
17	18 2 TOTAL 2 KILLED	19	20	21 2 TOTAL 2 KILLED 1 INTSEC 2 SEMI	22 1 TOTAL 1 KILLED	23 2 TOTAL 2 KILLED 2 ALCOHOL 1 INTSEC
24 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	25	26 3 TOTAL 3 KILLED 1 ALCOHOL 2 SEMI	27 1 TOTAL 1 KILLED 1 ALCOHOL	28 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED 1 MCYCLE	29 2 TOTAL 2 KILLED 1 ALCOHOL 1 PED 1 MCYCLE	30 2 TOTAL 3 KILLED 1 ALCOHOL 1 MCYCLE
31						

	SUM
TOTAL CRASHES	32
PERSONS KILLED	35
ALCOHOL CRASHES	15
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	4
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

AUGUST 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 1 TOTAL 1 KILLED 1 SEMI	4	5	6 2 TOTAL 2 KILLED 1 ALCOHOL
7 1 TOTAL 1 KILLED	8 1 TOTAL 1 KILLED	9 1 TOTAL 1 KILLED	10 1 TOTAL 1 KILLED	11 1 TOTAL 1 KILLED 1 SEMI	12	13
14 2 TOTAL 3 KILLED 2 ALCOHOL	15 1 TOTAL 1 KILLED	16 3 TOTAL 4 KILLED 2 SEMI	17	18 3 TOTAL 3 KILLED 2 ALCOHOL 1 MCYCLE	19	20 1 TOTAL 1 KILLED 1 ALCOHOL
21 2 TOTAL 2 KILLED 1 PED	22 4 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC 2 PED 1 MCYCLE 1 SEMI	23 1 TOTAL 1 KILLED 1 SEMI	24 1 TOTAL 1 KILLED	25	26 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 1 MCYCLE	27
28 1 TOTAL 2 KILLED	29 1 TOTAL 1 KILLED	30	31			

	SUM
TOTAL CRASHES	31
PERSONS KILLED	35
ALCOHOL CRASHES	8
INTERSECTION CRASHES	2
PEDESTRIAN CRASHES	3
MOTORCYCLE CRASHES	3
SEMI CRASHES	6

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

SEPTEMBER 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 1 TOTAL 1 KILLED 1 ALCOHOL	2 2 TOTAL 2 KILLED 1 PED 2 SEMI	3 2 TOTAL 2 KILLED 2 ALCOHOL 1 INTSEC 1 PED 1 MCYCLE
4 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	5 4 TOTAL 4 KILLED 3 ALCOHOL 1 PED	6 1 TOTAL 1 KILLED 1 ALCOHOL	7 1 TOTAL 1 KILLED 1 MCYCLE	8 1 TOTAL 2 KILLED 1 ALCOHOL	9 1 TOTAL 1 KILLED	10 4 TOTAL 4 KILLED 1 ALCOHOL 1 PED 1 MCYCLE
11 3 TOTAL 3 KILLED 3 ALCOHOL	12 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	13	14	15 1 TOTAL 2 KILLED	16 1 TOTAL 1 KILLED 1 PED 1 SEMI	17 3 TOTAL 3 KILLED 2 ALCOHOL
18 4 TOTAL 4 KILLED 4 ALCOHOL 3 MCYCLE	19 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 1 PED	20 1 TOTAL 1 KILLED 1 PED	21 1 TOTAL 1 KILLED	22 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED 1 SEMI	23 2 TOTAL 2 KILLED 1 PED 1 SEMI	24 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC
25 3 TOTAL 3 KILLED 2 ALCOHOL 1 MCYCLE	26	27	28 2 TOTAL 2 KILLED 1 MCYCLE	29	30 1 TOTAL 1 KILLED 1 ALCOHOL	

	SUM
TOTAL CRASHES	49
PERSONS KILLED	51
ALCOHOL CRASHES	26
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	9
MOTORCYCLE CRASHES	8
SEMI CRASHES	5

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

OCTOBER 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED
2 1 TOTAL 1 KILLED 1 ALCOHOL	3	4	5 1 TOTAL 1 KILLED 1 ALCOHOL	6 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC 2 PED	7 2 TOTAL 2 KILLED 2 ALCOHOL	8 1 TOTAL 1 KILLED 1 ALCOHOL
9 1 TOTAL 1 KILLED	10 1 TOTAL 2 KILLED	11 2 TOTAL 2 KILLED	12	13 2 TOTAL 2 KILLED	14 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC	15
16	17 1 TOTAL 2 KILLED 1 ALCOHOL	18	19	20 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 SEMI	21 3 TOTAL 3 KILLED 1 ALCOHOL 1 PED	22 1 TOTAL 1 KILLED 1 ALCOHOL
23 1 TOTAL 1 KILLED	24 3 TOTAL 3 KILLED 1 ALCOHOL	25 1 TOTAL 1 KILLED	26	27	28 3 TOTAL 4 KILLED 2 ALCOHOL 1 PED	29 7 TOTAL 9 KILLED 4 ALCOHOL 1 PED
30 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED 1 SEMI	31 1 TOTAL 1 KILLED 1 INTSEC 1 PED					

	SUM
TOTAL CRASHES	42
PERSONS KILLED	47
ALCOHOL CRASHES	20
INTERSECTION CRASHES	5
PEDESTRIAN CRASHES	8
MOTORCYCLE CRASHES	0
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

NOVEMBER 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 2 TOTAL 3 KILLED 1 ALCOHOL	3	4 2 TOTAL 2 KILLED 1 ALCOHOL 1 INTSEC 1 PED	5 1 TOTAL 1 KILLED 1 ALCOHOL
6 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC	7	8	9	10 1 TOTAL 1 KILLED 1 SEMI	11	12 1 TOTAL 1 KILLED
13	14	15 3 TOTAL 5 KILLED 1 ALCOHOL 1 SEMI	16	17 2 TOTAL 2 KILLED 1 PED	18	19 3 TOTAL 4 KILLED 1 ALCOHOL
20 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	21	22 1 TOTAL 1 KILLED 1 ALCOHOL 1 INTSEC	23 3 TOTAL 3 KILLED 1 ALCOHOL 1 INTSEC	24	25	26 4 TOTAL 4 KILLED 1 ALCOHOL 1 PED
27 2 TOTAL 2 KILLED 1 ALCOHOL	28	29	30 1 TOTAL 1 KILLED			

	SUM
TOTAL CRASHES	30
PERSONS KILLED	34
ALCOHOL CRASHES	11
INTERSECTION CRASHES	4
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	0
SEMI CRASHES	2

WEST VIRGINIA FATAL CRASHES AND FATALITIES

PREPARED BY
DEPT OF HIGHWAYS
TRAFFIC ENGINEERING DIV

DECEMBER 1988

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1 1 TOTAL 1 KILLED	2 1 TOTAL 1 KILLED 1 ALCOHOL	3 1 TOTAL 1 KILLED
					1 SEMI	
4	5	6	7 3 TOTAL 3 KILLED 1 ALCOHOL	8 1 TOTAL 2 KILLED	9 1 TOTAL 1 KILLED	10 1 TOTAL 1 KILLED
11 1 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC	12 1 TOTAL 1 KILLED	13 2 TOTAL 3 KILLED	14 2 TOTAL 2 KILLED 1 PED	15	16 4 TOTAL 4 KILLED 2 ALCOHOL 1 INTSEC	17 1 TOTAL 1 KILLED 1 ALCOHOL
18	19	20 2 TOTAL 2 KILLED 1 ALCOHOL	21	22 1 TOTAL 1 KILLED 1 ALCOHOL	23 2 TOTAL 2 KILLED 2 ALCOHOL	24
25 2 TOTAL 5 KILLED 1 ALCOHOL 1 INTSEC	26 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED	27 3 TOTAL 3 KILLED 1 PED 1 SEMI	28 1 TOTAL 1 KILLED	29 1 TOTAL 1 KILLED 1 ALCOHOL 1 PED 1 SEMI	30	31

	SUM
TOTAL CRASHES	33
PERSONS KILLED	42
ALCOHOL CRASHES	13
INTERSECTION CRASHES	3
PEDESTRIAN CRASHES	4
MOTORCYCLE CRASHES	0
SEMI CRASHES	3

1988 WEST VIRGINIA CRASH DATA
ALCOHOL INVOLVEMENT IN FATAL CRASHES
BY DRIVER AGE

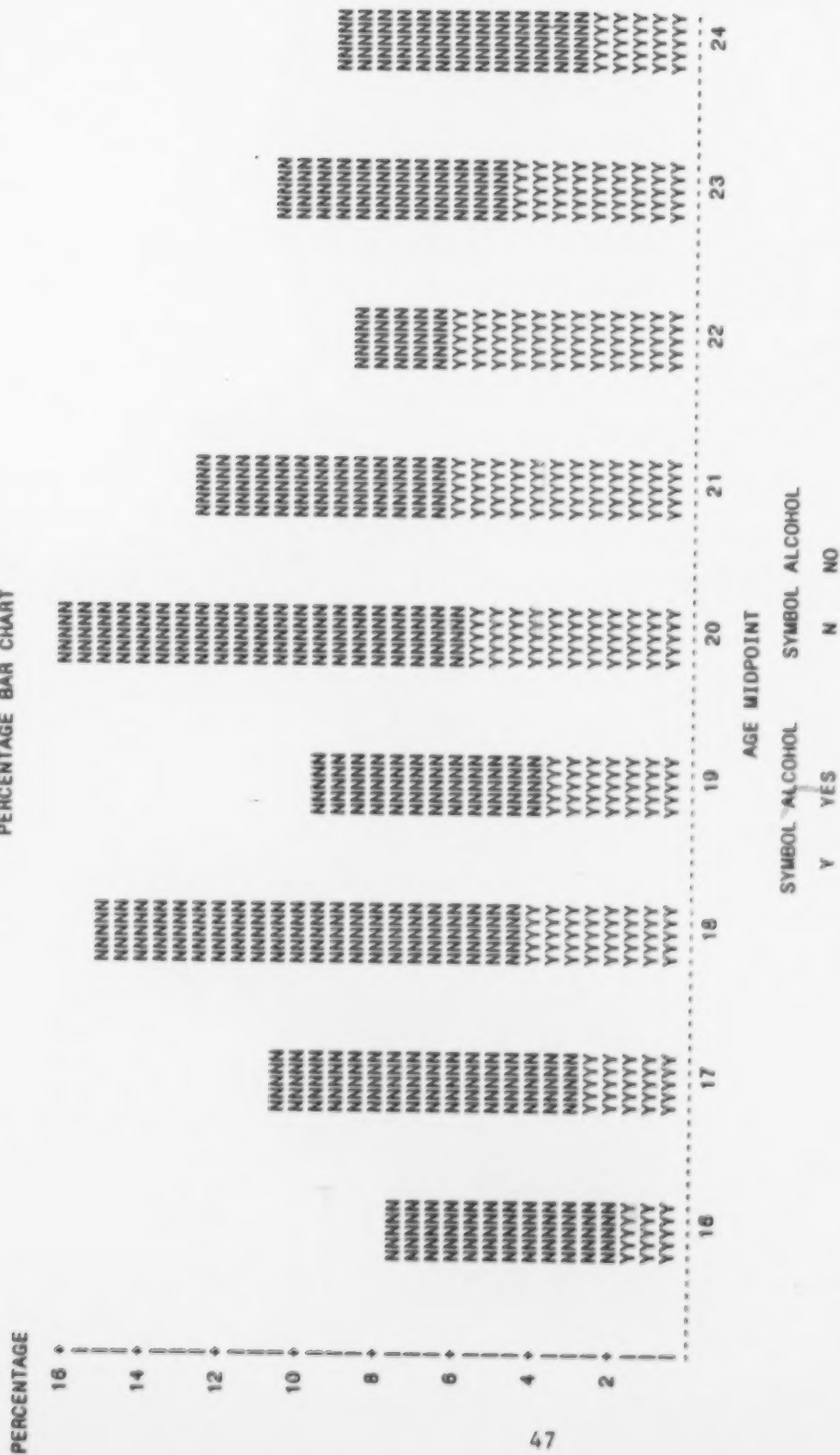
TABLE OF AGE BY ALCOHOL

AGE	ALCOHOL		TOTAL
	FREQUENCY PERCENT	YES NO	
15 AND YOUNGER	0 0.00	5 0.86	5 0.86
16	3 0.52	11 1.90	14 2.41
17	5 0.86	15 2.59	20 3.45
18	7 1.21	20 3.45	27 4.66
19	8 1.03	11 1.90	17 2.93
20	10 1.72	19 3.28	29 5.00
21	11 1.90	12 2.07	23 3.97
22	11 1.90	5 0.86	16 2.76
23	8 1.38	11 1.90	19 3.28
24	5 0.86	12 2.07	17 2.93
25 TO 34	56 9.66	86 14.83	142 24.48
35 TO 44	31 5.34	79 13.62	110 18.97
45 TO 54	10 1.72	49 8.45	59 10.17
55 TO 64	8 1.38	36 6.21	44 7.59
65 TO 74	2 0.34	22 3.79	24 4.14
75 AND OLDER	0 0.00	14 2.41	14 2.41
TOTAL	173 29.83	407 70.17	580 100.00

FREQUENCY MISSING = 35

1988 WEST VIRGINIA CRASH DATA
ALCOHOL INVOLVEMENT IN FATAL CRASHES
BY DRIVERS AGE 16-24

PERCENTAGE BAR CHART



NOTE: Based on 182 drivers age 16-24 involved in fatal crashes.